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S Y N O P S I S.

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THE STORY OF PETROLEUM. ✓

A MOTION PICTURE FILM IN FOUR REELS. ✓

"The Story of Petroleum" deals with certain phases of the petroleum industry in the United States. The first scene shows a geologist at work in the fields making a contour map. This is followed by scenes depicting the locating and erection of a derrick, putting the drilling equipment in place, rigging up the boilers, and making other necessary preparations for the commencement of drilling. This is followed by scenes showing the rotary method of drilling. Animated diagrams show the various strata of the earth's crust the bit or boring tool drills through until it reaches the oil sand.

The next scenes depict the pouring of nitro-glycerine and lowering of the shells into the well, which is also illustrated by
 ::::::::::::::: THE WELL :
 : "Coming In". : animated drawings, the loading of the squib and detonating
 ::::::::::::::: the charge by dropping it down the well. This is followed
 by scenes of the oil well "coming in", the oil flowing over the top of the derrick; the method of pumping by the use of pumping jacks, with views of the eccentric power and tower station which operate the pumping jacks. This is followed by scenes of other oil wells, warehouses, the method of transporting pipe to the oil fields by tractor, etc.

The second reel shows a panoramic view of casing head gasoline plants; a close study of the gas escaping from the casing head and the oil well, and scenes of the exterior and interior of the casing head gasoline manufacturing plant. Then the pipe-line systems of the United States are shown with a map depicting

the pipe lines in animated cartoon form; the interior of pumping stations, the laying of and construction of pipe lines, and the laying of pipe lines across the Red River. By the ^{use} ~~method~~ of animated drawings the method of cleaning a pipe line is also illustrated with photographic scenes.

The Third Reel deals with the refining, and views are shown of crude
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 REFINING OIL : oil stills, the charging of the drills by electrically driven
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 : : : : : rotary pumps, the applications of heat to the stills, the work
 of automatic stokers, and animated technical drawings showing the inside of a
 crude oil still and the various products passing off in vapor as heat is applied,
 and the temperatures indicated.; views of the stills and pipes through which
 the vapor passes, condensing boxes with pipes open and also submerged under water.
 This is followed by scenes in the receiving house, showing close study of the
 "look" boxes with the oil products coming in; the testing of these products,
 and the tanks into which these products are stored while waiting further treat-
 ment. This is followed by views on the outside and the inside of a crude oil
 still, showing the workmen removing the coke, loading it into cars and also on to
 railroad cars for transportation. This is followed by views of a re-run still
 where test products are made, circulating pumps for these stills at the receiving
 house; also the tanks where the products of the re-run stills are stored.

The Fourth Reel shows the agitators in which the oils are treated
 for the removing of impurities, the agitator pump houses, and a close study of
 the inside of the agitator, showing the oil being agitated, also showing the oil
 being washed; taking the wax from the paraffine distillates or heavier oils, the
 refrigerating plant, views of the wax processes, of molding the wax into slabs, of
 packing it in boxes for shipment. This is followed by machines showing the dis-

tribution of petroleum products, the railroad loading rack at a refinery, the loading of tank cars, and a close study of men gauging tank car ~~ferxxix~~ of oil, an engine hauling train of tank cars, bulk distributing service stations, the distribution of oils in barrels, cans, etc; gasoline service stations, barges and ships, the picture closing with an animated drawing illustrating what becomes of a barrel of crude oil., and the refining processes showing the percentages of the various finished products.

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